

## AMENDMENT TO THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract of the Disclosure as follows:

### **INTEGRATED CIRCUIT BTSC ENCODER**

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### **ABSTRACT OF THE DISCLOSURE**

[066]—An integrated digital BTSC encoder—~~substantially is~~ is implemented on a single CMOS integrated circuit—~~is described. By incorporating a BTSC encoder within~~ an all digital RF modulator, an improved A set top box is provided, obviating ~~chip with~~ the need for an additional BTSC encoder and modulator board and/or discrete analog ~~the need for an additional BTSC encoder and modulator board and/or discrete analog~~ components. A that allows for a fully integrated solution that performs BTSC encoding ~~components. A that allows for a fully integrated solution that performs BTSC encoding~~ within the RF modulator which ~~within the RF modulator which~~ may be used with legacy television systems and also with other audio/visual equipment connected to the set top box.